



WORLD  
MINERALS

5162710089  
cc: Peter  
Task: 4712  
World Minerals Inc.  
2500 San Miguelito Road  
Lompoc, CA 93436  
Tel: 805-737-1405  
Fax: 805-737-1285

February 22, 2012

Mr. Peter Brinton  
DOGM  
Dept. of Natural Resources  
1594 West North Temple  
Suite 1210  
Salt Lake City, UT 84114-5801

RECEIVED

FEB 24 2012

DIV. OF OIL, GAS & MINING

Dear Peter:

Please find attached our updated NOI for SMO permit ML-41981 (Harborlite, Black Springs Mine). The following GENERAL INFORMATION has been updated on our NOI:

- Operator Mailing Address, Phone and Fax (page 1, section I.2)
- Permitting and Surety Contact Mailing Address, Phone and Fax (page 2, section I.3)
- Corporation Officer Name (page 2, section I.4)
- Corporation Headquarters Address, Phone and Fax (page 2; section I.4)

To restate, this is only an update to contact information within the GENERAL INFORMATION section.

Peter, nothing else has changed at this time, again this is just an update, specifically for the address changes. Maps and other attachments are the same as I sent last year, just included them so you would have a complete packet.

I'm sure they'll get around to the name change, but I have no idea when that will be.

Thank you again for all your concern and assistance. This has been a roller-coaster for the past few months. I'm hoping things will settle down a little now and that they can get to work at the mine site in the near future. That is the plan anyway. The LMO is on hold while the contractor situation is resolved then we should be on track again. I will keep you in the loop.

In addition, I want to give you the name of my potential replacement when I retire. She is just beginning to become acquainted with the process so it will be awhile before you hear much from her. Her name is Tanya Taylor and just last month began with my department. In the event you can not reach me, you could call her. 805/737-2448.

Regards,

  
Jonna True, Manager  
Reclamation & Land Management  
Harborlite, Celite & World Minerals

## Application to Revise a Notice of Intention to Commence Small Mining Operations or Exploration

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FEB 24 2012

DIV. OF OIL, GAS & MINING

Operator: HARBORLITE			
Mine Name: BLACK SPRINGS MINE		File Number: E or M/ / S / 270 / 089	
Provide a detailed listing of all changes to the Notice that will be required as a result of this change. Individually list all maps and drawings that are to be added, replaced, or removed from the Notice. Include page, section and drawing numbers as part of the description.			
<b>DETAILED SCHEDULE OF CHANGES TO THE NOTICE</b>			
			Description of map, text, or materials to be changed
ADD	REPLACE	REMOVE	Page 1; Section I.2
ADD	REPLACE	REMOVE	Page 2; Section I.3
ADD	REPLACE	REMOVE	Page 2; Section I.4
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments and obligations, herein.

Donna True  
Print Name

Donna True, Mgr  
Signature, Position  
Reclamation & Land Mgmt

2-22-12  
Date

**Return to:**

State of Utah  
Division of Oil, Gas and Mining  
Attn: Minerals Regulatory Program  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
Phone: (801) 538-5291 Fax: (801) 359-3940

P:\GROUPS\MINERALS\WP\FORMS\notices\Final\revision\_SMO\_EXP.doc

<b>FOR DOGM USE ONLY:</b>	
File #:	M/ /
Approved:	
Bond Adjustment: from (\$)	
to \$	

Assigned DOGM File No.: S/0

DOGM Lead: \_\_\_\_\_

Permit Fee \$ \_\_\_\_\_ Ck# \_\_\_\_\_

**STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING**

1594 West North Temple Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
Telephone: (801) 538-5291 Fax: (801) 359-3940

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DIV. OF OIL, GAS & MINING

**NOTICE OF INTENTION TO COMMENCE SMALL MINING OPERATIONS**

The information requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1987, and the General Rules as promulgated under the Utah Minerals Regulatory Program (R647). The rules and Act are available online at <http://www.rules.utah.gov/publicat/code/r647/r647.htm> and [http://le.utah.gov/~code/TITLE40/40\\_08.htm](http://le.utah.gov/~code/TITLE40/40_08.htm).

Cultural Resources Survey: To fulfill its obligations under Utah Code Annotated 9-8-404, the Division needs cultural resource (archaeology) information. The amount and type of information required will depend on the mine location, the history of previous disturbance, and other factors. Please contact the Division for further information.

A permit fee of \$150 must accompany this application (Utah Code Ann. §40-8-7(1)(i)) and is due annually.

"Small Mining Operations" are operations which have a disturbed area of ten or fewer surface acres at any time in unincorporated areas, or five acres or fewer in incorporated areas.

\*\*\*\*\*

**I. GENERAL INFORMATION (Rule R647-3-104)**

1. Name of Mine: BLACK SPRINGS MINE

2. Operator Name (Legal Name): HARBORLITE

Mailing Address: 150 E. Main Street, Suite 320

City, State, Zip: FERNLEY, NV 89408

Phone: 775/835-6266

Fax: 775/835-6550

E-mail Address: \_\_\_\_\_

Type of Business: Corporation ( XX ), LLC (    ), Sole Proprietorship (dba) (    )  
General Partnership (    ), Limited Partnership (    ), Individual (    ).

**Business Entity (not individuals) must be registered (and maintain registration) with the State of Utah, Division of Corporations (DOC)** If not currently registered, contact [www.commerce.utah.gov](http://www.commerce.utah.gov) to renew or apply. Business Entity #: 1194304-0143

Local Business License #: Conditional Use Permit (if required)

Issued by: County: Millard County or City: \_\_\_\_\_

**3. Contact Person(s):**

Registered Utah Agent (as identified with the Utah DOC) (if individual leave blank):

Name: Prentice Hall Corporation Title: Registered Agent

Address: 2180 South 1300 East, Suite 650

City, State, Zip: Salt Lake City, UT 84106

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

**I.3. Contact Person(s) (continued):**

This person to be notified for: permitting ( xx ) surety ( xx ) (check all that apply)  
Name: Jonna True, Agent Title: Mgr., Reclamation & Land Mgmt  
Address: 2500 San Miguelito Road  
City, State, Zip: Lompoc, CA 93436  
Phone: 805/737-1405 Fax: 805/737-1285  
Emergency, Weekend, or Holiday Phone: 541/429-2077  
E-mail Address: Jonna.True@worldminerals.com

This person to be notified for: permitting (    ) surety (    ) (check all that apply)  
Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Emergency, Weekend, or Holiday Phone: \_\_\_\_\_  
E-mail Address: \_\_\_\_\_

**4. If Business is a Sole Proprietor (dba) or Individual:**

Name of Owner: \_\_\_\_\_ Title: \_\_\_\_\_  
Business Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
E-mail Address: \_\_\_\_\_

**If Business is a Corporation:**

Name of Officers: <u>Douglas A. Smith</u>	Title: <u>V.P and Gen. Mgr</u>
Name: <u>John DeVries</u>	Title: <u>Treasurer-Controller</u>
Name: <u>Catherine Caouette</u>	Title: <u>Secretary &amp; Corp. Counsel</u>
Name: <u>Susan B. Radcliffe</u>	Title: <u>Assistant Secretary</u>

Headquarters Address: 1732 N. First Street, Suite 450  
City, State, Zip: San Jose, CA 95112  
Phone: 805/562-0206 Fax: 805/562-0295  
E-mail Address: Catherine.caouette@worldminerals.com

**If Business is a Limited Liability Company: Member Managed (    ) Manager Managed (    )**

Name of 1<sup>st</sup> Member/Manager: \_\_\_\_\_ Title: \_\_\_\_\_  
Business Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
E-mail Address: \_\_\_\_\_

Name of 2<sup>nd</sup> Member/Manager: \_\_\_\_\_ Title: \_\_\_\_\_  
Business Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
E-mail Address: \_\_\_\_\_

**If Business is a Partnership:**

Names of Partners: \_\_\_\_\_  
Business Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
E-mail Address: \_\_\_\_\_



5. **Ownership of Land Surface:**

Private (Fee) ☐ BLM ☐ US Forest Service ☐  
 State Trust Land/School Sections ☐ State Sovereign Lands ☐  
 Other (please describe):

Name SITLA Address 675 East 500 South #500, Salt Lake City, UT  
 Name \_\_\_\_\_ Address \_\_\_\_\_  
 Name \_\_\_\_\_ Address \_\_\_\_\_  
 Name \_\_\_\_\_ Address \_\_\_\_\_

6. **Ownership of Minerals:**

Private (Fee) ☐ BLM ☐ US Forest Service ☐  
 State Trust Land/School Sections ☐ State Sovereign Lands ☐  
 Other (please describe):

Name SITLA Address 675 East 500 South #500, Salt Lake City, UT  
 Name \_\_\_\_\_ Address \_\_\_\_\_  
 Name \_\_\_\_\_ Address \_\_\_\_\_  
 Name \_\_\_\_\_ Address \_\_\_\_\_

BLM Claim Number(s): \_\_\_\_\_  
 Utah State Lease Number(s): ML-41981  
 BLM/USFS Lease or Project File Number(s): \_\_\_\_\_

Name of Lessee(s): Harborlite - Jonna True, Agent

7. **Have the above surface and mineral owners been notified in writing?** Yes xxx No \_\_\_\_\_  
 If no, why not? \_\_\_\_\_

8. **Does the Entity have legal right to enter and conduct mining operations on the land covered by this notice?** Yes xxx No \_\_\_\_\_

*Please be advised that if State Trust Lands are involved, notification to the Division of Oil, Gas and Mining alone does not satisfy the notification requirements of Mineral Leases upon State Trust Lands. Exploration or mining activity on State Trust Lands requires a minimum of 60 days notice to the Trust Lands Administration prior to commencing any activities. Please contact the School Institutional Trust Lands Administration (SITLA) at (801) 538-5508 for notification requirements.*

II. **PROJECT LOCATION & MAP** (Rule R647-3-105)

1. **Project Location & Map** (legal description):

County(ies): \_\_\_\_\_  
 \_\_\_\_\_ 1/4, of \_\_\_\_\_ 1/4, of NW 1/4, Section: 2 Township: 24S Range: 9W  
 \_\_\_\_\_ 1/4, of \_\_\_\_\_ 1/4, of \_\_\_\_\_ 1/4, Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_  
 \_\_\_\_\_ 1/4, of \_\_\_\_\_ 1/4, of \_\_\_\_\_ 1/4, Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_  
 UTM East: \_\_\_\_\_ (if known) UTM North: \_\_\_\_\_ (if known)  
 Name of Quad Map for Location: Cruz Utah Quad Map

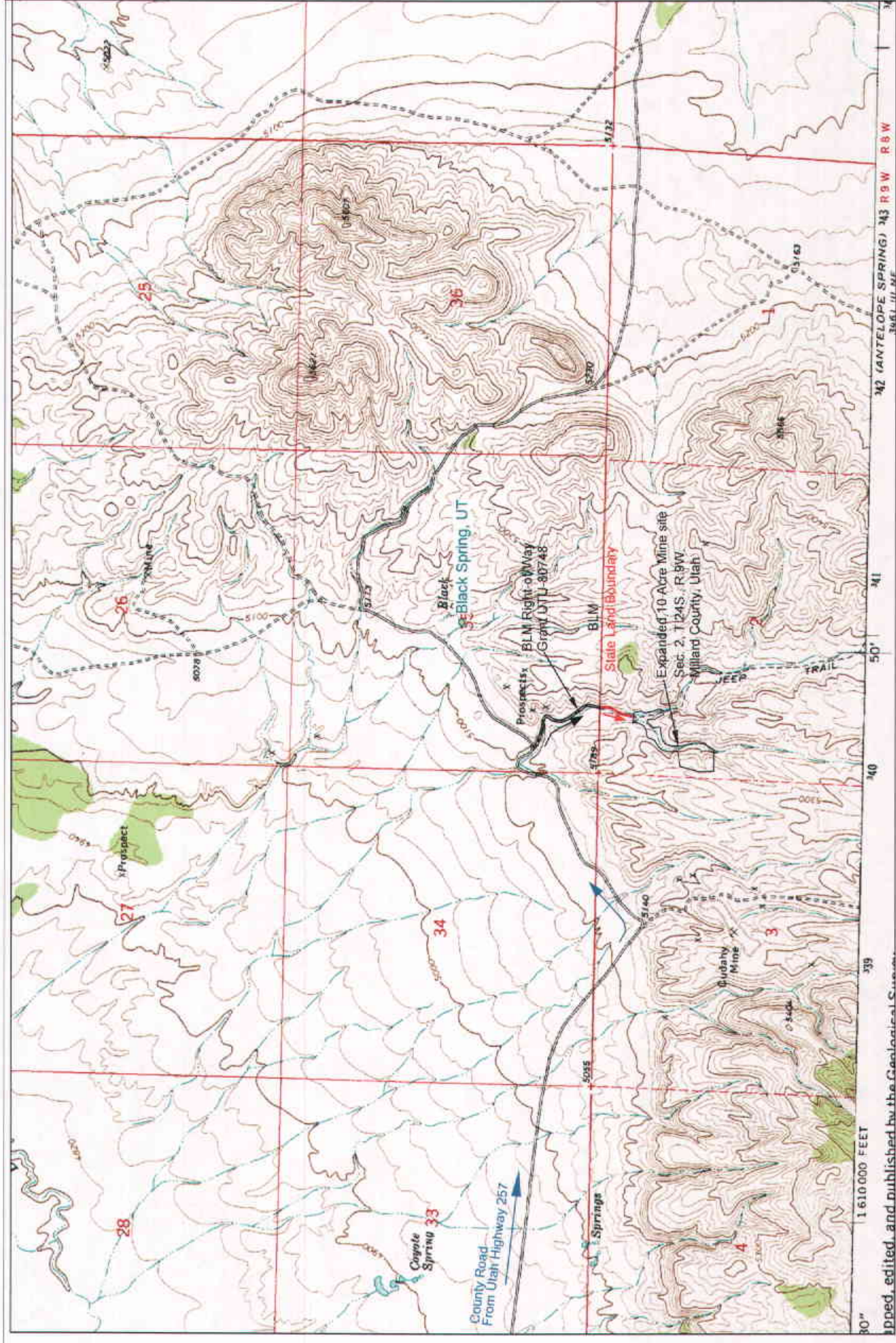
2. **Is the project within an incorporated area?** ☐ Yes ☒ No  
 If yes, what is the town or city? \_\_\_\_\_

3. **Location and Operations maps** must be plotted at a scale to accurately identify locational landmarks and operations details. All maps must include a north arrow, scale, appropriate labels, and title box including the mine name, township, range and section.
  - a. The **general location map** must be the scale of a USGS 7.5 minute series map or equivalent (1"=2000') and identify new or existing access roads.
  - b. The **operations map** (1"=200' or other scale as determined necessary by the Division) must be labeled and identify:
    - i. The area to be disturbed;
    - ii. The location of any existing or proposed operations including access roads, drill holes, trenches, pits, shafts, cuts, or other planned activities; and
    - iii. Any adjacent previous disturbance for which the operator is not responsible.(Contact the Division for a list of consultants and land surveyors for mapping assistance.)
4. The proposed (10 acres or less) disturbed area (including access/haul roads) should be marked ON THE GROUND with metal T-Posts (or with some other marker of equal effectiveness). Markers should be appropriately spaced so that the next marker in either direction is clearly visible with the naked eye.

III. **OPERATION PLAN** (Rule R647-3-106)

1. **Type of mining:** Surface ( xxx ) Underground (      )
2. **Mineral(s) to be mined:** Perlite
3. **Amount of material to be extracted, moved, or proposed to be moved:** 250,000 tons over 10 yrs  
\_\_\_\_\_
4. Will any **water, liquid chemicals, reagents, or other solutions** be used, produced or discharged as part of the mining or milling process? Yes (      ) No ( xxx ) If yes, please describe (add extra pages if needed): \_\_\_\_\_  
\_\_\_\_\_
5. Provide a brief **description of the proposed mining operation**, and onsite processing facilities (add extra pages if necessary). Mine, screen, crush and stockpile perlite ore for transportation To processing facilities. Portable crushing and screening will be used on this site.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
6. ( N/A ) **New Road(s):** Length \_\_\_\_\_(ft), Width \_\_\_\_\_(ft)
7. ( N/A ) **Improved Road(s):** Describe improvements that need to be made to existing roads to access the site, including the Length \_\_\_\_\_(ft) and Width \_\_\_\_\_(ft) of **new disturbances**.  
\_\_\_\_\_  
\_\_\_\_\_
8. Total project surface **acreage to be disturbed:** 10 (acres) PLEASE SPECIFY **EXACT ACREAGE** (this will be used to determine surety bond amount – see #VI).
9. Proposed **startup date** (month, year): 3/1/12 (tentative)
10. Proposed **completion**, if known (month, year): UNKNOWN







9,000E 9,200E 9,400E 9,600E 9,800E 10,000E 10,200E 10,400E 10,600E 10,800E 11,000E 11,200E 11,400E

Harborlite Corp.  
Utah Black Springs Mining Project  
ML-41981

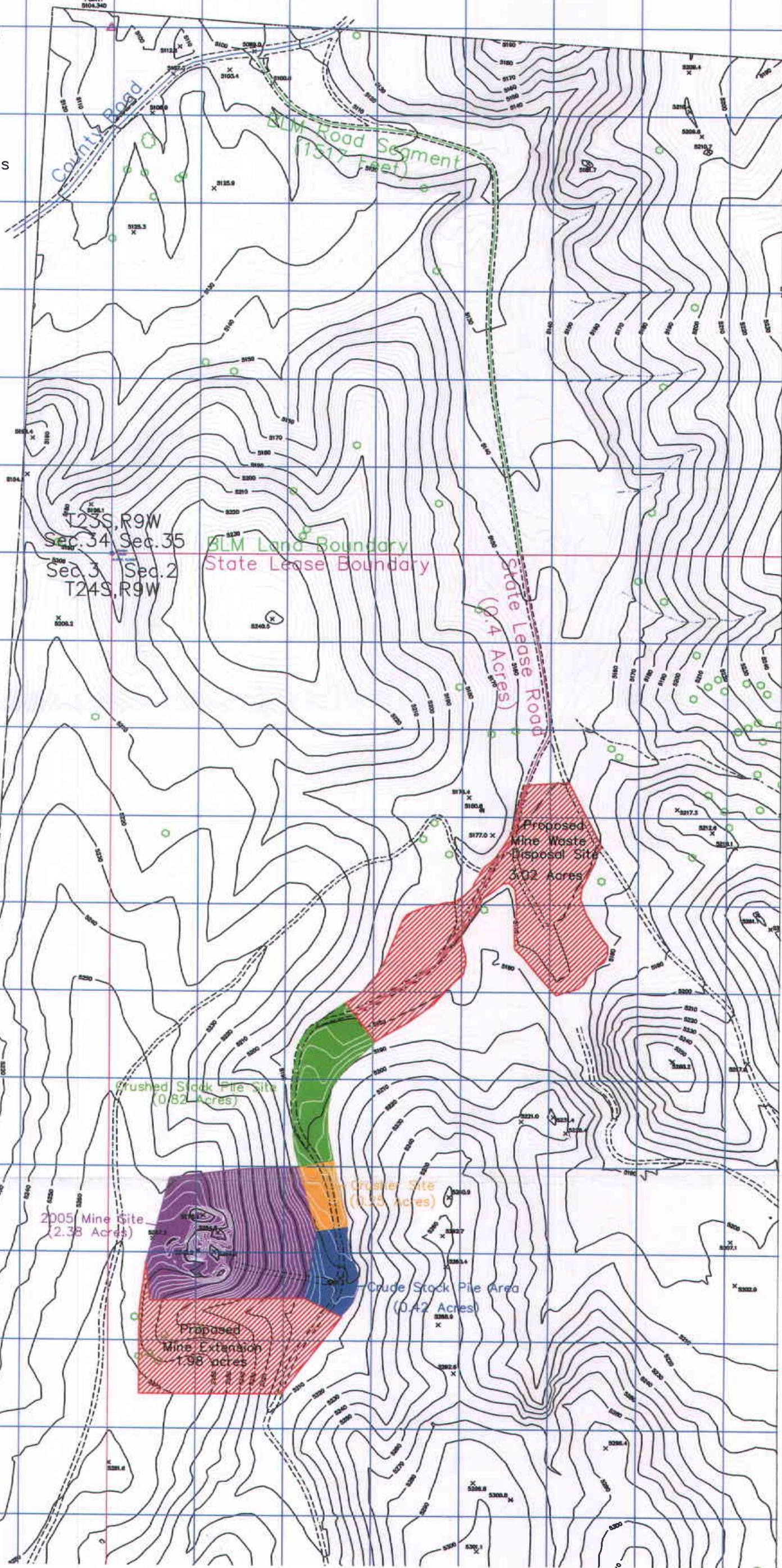
NW1/4, Sec. 2, T24S, R9W  
Millard County

11,400N 11,200N 11,000N 10,800N 10,600N 10,400N 10,200N 10,000N 9,800N 9,600N 9,400N 9,200N 9,000N 8,800N 8,600N 8,400N 8,200N 8,000N 7,800N

0 200 400ft

April 2011

Original 5 Acres Permitted Plus  
Proposed Additional 5 Acres



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U.S. DEPT. OF OIL, GAS & MINING



#### **IV. OPERATION AND RECLAMATION PRACTICES** (Rule R647-3-107, 108 & 109)

The reclamation and operation obligation is to keep the area clean and safe, minimize hazards to public safety, return the land to a useful condition, and reestablish at least 70 percent of the premining vegetative ground cover or within practical limits. To accomplish this, the Permittee / Operator will need to perform reclamation concurrently, or at the completion (within one (1) year) of mining. Please refer to The Practical Guide to Reclamation in Utah, available at:

[https://fs.ogm.utah.gov/pub/MINES/Coal\\_Related/RecMan/Reclamation\\_Manual.pdf](https://fs.ogm.utah.gov/pub/MINES/Coal_Related/RecMan/Reclamation_Manual.pdf).

1. *Keep the mining operation in a safe, clean, and environmentally stable condition.*
2. *Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.*
3. *Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.*
4. *Construct berms, fences, or barriers, when needed, above highwalls and excavations.*
5. *Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.*
6. *Remove all waste or debris from stream channels.*
7. *Dispose of any trash, scrap metal, wood, machinery, and buildings.*
8. *Conduct mining activities so as to minimize erosion and control sediment.*
9. *Reclaim all roads that are not part of a permanent transportation system.*
10. *Stockpile topsoil and suitable overburden prior to mining.*
11. *Stabilize highwalls by backfilling or rounding to 45 degrees or less, where feasible; reshape the land to near its original contour, and redistribute the topsoil and suitable overburden.*
12. *Properly prepare seedbed to a depth of six inches by pocking, ripping, discing, or harrowing. Leave the surface rough.*
13. *Reseed disturbed areas with adaptable species. (The Division recommends a mixture of species of grass, forb, and browse seed, and will provide a specific species list if requested.)*
14. *Plant the seed with a rangeland or farm drill, or broadcast the seed. Fall is the preferred time to seed.*

**V. VARIANCE REQUEST** (Rule R647-3-110)

**Any variance must be approved writing *in advance* by the Division**

Any planned deviations from Rules R647-3-107, Operation Practices, R647-3-108, Hole Plugging Requirements, or R647-3-109, Reclamation Practices, as summarized above (see IV. Operation and Reclamation Practices Item # 1-14), should be identified below listing applicable rule number. Give justification for the variance(s) and alternate methods or measures to be utilized to meet the intent of the rule. Written approval from the Division will be given, if the proposed alternative methods to be used are consistent with the Act.

Are variances being requested? Yes (    ) No ( XXX )

Variance Requested

Item #                      Applicable Rule

Justification: \_\_\_\_\_

Alternate methods or measure to be utilized: \_\_\_\_\_

Attach additional page(s) if more variances are requested.

**VI. SURETY** (Utah Code Ann. §40-8-7(1)[c])

**A reclamation contract and surety must be provided to and approved by the Division prior to commencement of operations. No surface disturbance is authorized until the surety is posted and approved in writing.** The surety may be provided in the form of a certificate of deposit, a letter of credit, a surety bond, or cash. Please contact the Division for further information about submitting the surety. All mining operations are required to furnish and maintain reclamation surety to guarantee that the land affected is reclaimed (Utah Code Ann. §40-8-7(1)[c]).

The reclamation surety amount is based on the nature, extent and duration of operations. The amounts are based on data from current large mine surety and are used as a general guide, along with actual site conditions. Reclamation surety for small mines is reviewed every three (3) or five (5) years and adjusted as necessary for inflation/deflation based upon acceptable Costs Index. **Contact the Division for the dollar amount required for a three (3) or five (5) year period for this project.**

**CURRENT BOND IN PLACE FOR \$52,300**

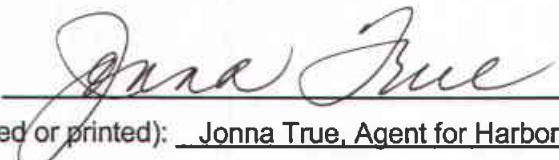


**VIII. SIGNATURE REQUIREMENT**

**CERTIFICATION**

I state under penalty of perjury under the laws of the state of Utah and the United States of America that:

- a. I have read this form and declare the information, statements and/or documentation are true, correct and complete to the best of my knowledge and belief; AND
- b. I commit to the reclamation of the aforementioned small mining project as required by the Utah Mined Land Reclamation Act (40-8) and the rules as specified by the Board of Oil, Gas and Mining.
- c. **This certification must be signed by:** (1.) an executive officer if the applicant is a corporation; (2.) a partner if applicant is a partnership (general or limited); (3.) the owner if applicant is a sole proprietorship; or (4.) the member or manager if applicant is a limited liability company.

Signature:  Date: 2-12-12  
Name (typed or printed): Jonna True, Agent for Harborlite  
Title/Position (if applicable): Manager, Reclamation and Land Management

This page is a reference page used to track documents internally for the Division of Oil, Gas and Mining

Mine Permit Number S102710089 Mine Name Black Springs - ML 41981  
Operator World Minerals Date Rec'd F  
TO \_\_\_\_\_ FROM \_\_\_\_\_

☒ CONFIDENTIAL ☐ BOND CLOSURE ☐ LARGE MAPS ☐ EXPANDABLE  
☐ MULTIPUL DOCUMENT TRACKING SHEET ☐ NEW APPROVED NOI  
☐ AMENDMENT ☐ OTHER \_\_\_\_\_

Description YEAR-Record Number

☐ NOI ☒ Incoming ☐ Outgoing ☐ Internal ☐ Superceded  
Cultural Resource Survey 2012-02242012

☐ NOI ☐ Incoming ☐ Outgoing ☐ Internal ☐ Superceded

☐ NOI ☐ Incoming ☐ Outgoing ☐ Internal ☐ Superceded

☐ NOI ☐ Incoming ☐ Outgoing ☐ Internal ☐ Superceded

☐ TEXT/ 8 1/2 X 11 MAP PAGES ☐ 11 X 17 MAPS ☐ LARGE MAP

COMMENTS: \_\_\_\_\_

CC: \_\_\_\_\_